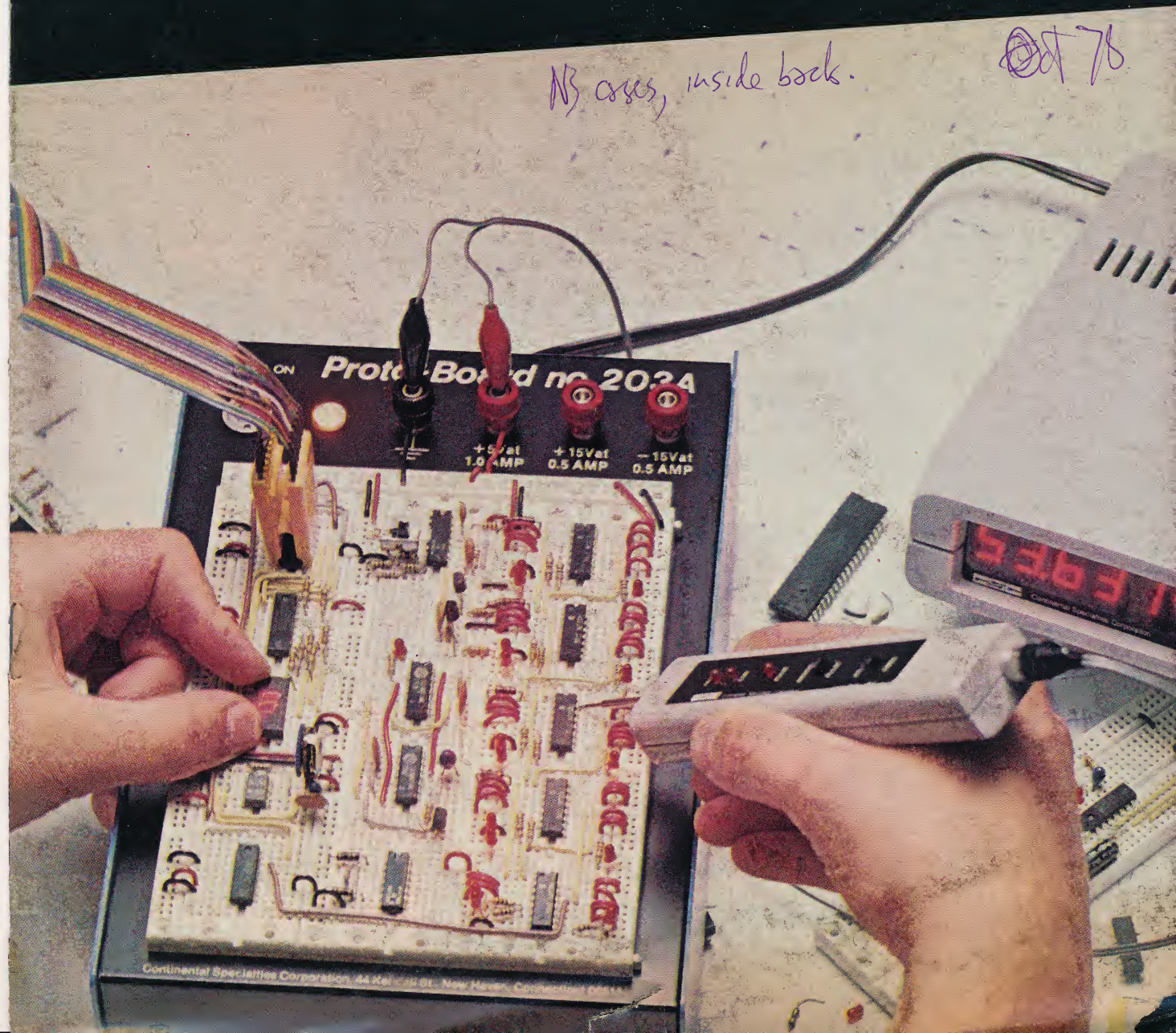


BREADBOARDING & TEST EQUIPMENT

THE COMPLETE, LOGICAL,
STEP-BY-STEP SOLDERLESS
SOURCE . . .



CONTINENTAL SPECIALTIES CORPORATION



Create circuits as fast
as you can think.
Start with The Basics . . .

QUICK TEST SOCKETS*

Imagine! Non-stop wiring, testing, modifying and building . . . all without patch cords or solder! Fast, reliable proven CSC Quick Test Sockets let you work out new ideas and reactivate old ones, without a worry over harming discrete or IC components . . . or your fingers.

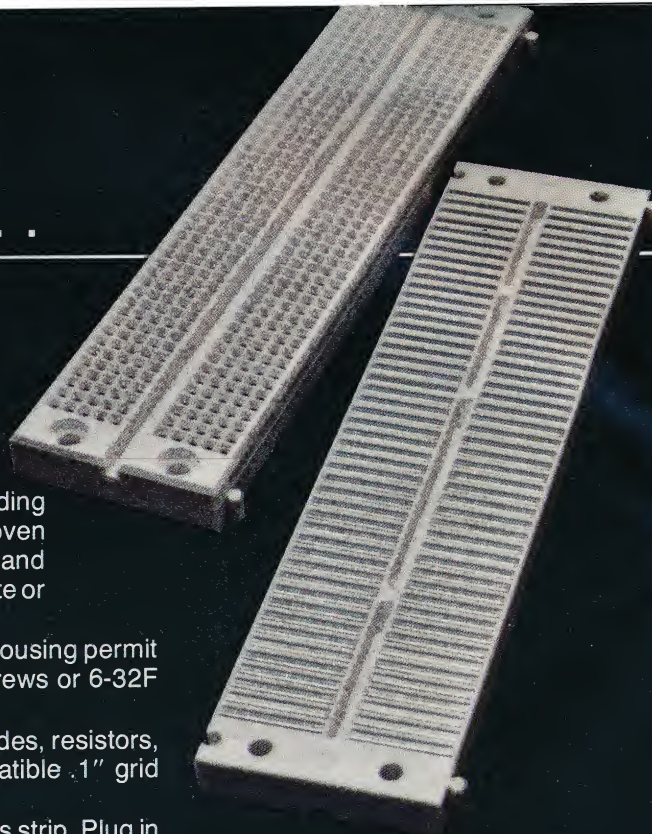
EASY MOUNTING. Molded-in mounting holes in the housing permit top mounting to any flat surface with 4-40 flat head screws or 6-32F self-tapping screws for behind-the-panel mounting.

ACCEPTS ALL STANDARD COMPONENTS. ICs, diodes, resistors, capacitors, transistors, etc. All plug into the DIP compatible .1" grid without messy, troublesome solder.

HOOK UP. Connect power and ground leads to your bus strip. Plug in your ICs and discretes. Then interconnect with a #22 solid wire. Connect a signal source to bus strip or directly to input point of your circuit. Each socket has **5 tie points per terminal**. Each bus strip has **2 separate rows of interconnecting terminals**. Turn on the power and signal source. Hook-up a scope probe, counter, etc. Then, if you have to add additional wire, need another IC or component — just plug them in.











INTERCONNECTIONS. Each terminal has 5 connected solderless tie points formed from a prestressed, spring loaded non-corrosive alloy to insure secure mechanical and low resistance electrical connections. All sockets are 1.32" wide. All bus strips are .36" wide. All sockets and bus strips are .33" thick. And, all are perfect for high temp jobs up to 100°C.

EASY. That's the hallmark of CSC Quick Test Sockets.
INEXPENSIVE. It goes without saying. **STANDARD FOR THE INDUSTRY.** Need we say more?

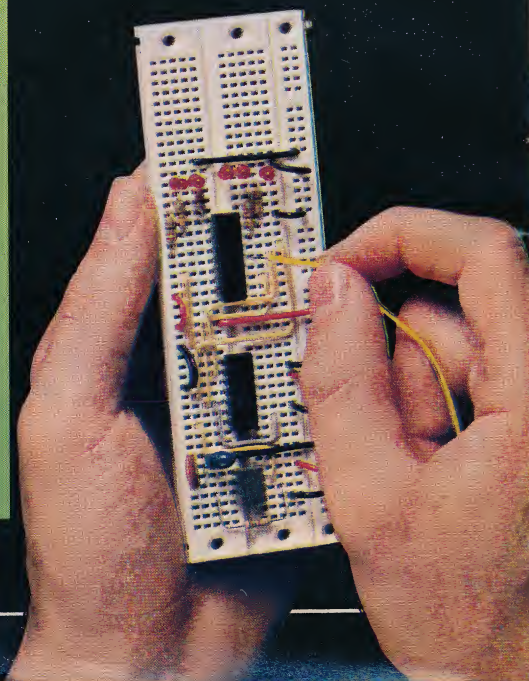


Exclusive SNAP/LOCK design breadboarding system allows you to expand or contract your work by snapping together as many Quick Test sockets or bus strips as you need, when you need them.

ORDER YOUR QT SOCKETS AND BUS STRIPS TODAY!

		Length	Hole-to-hole	Terminals	Unit Price \$
	QT-59S	6.5"	6.2"	118	
	QT-59B	6.5"	6.2"	20	
	QT-47S	5.3"	5.0"	94	
	QT-47B	5.3"	5.0"	16	
	QT-35S	4.1"	3.8"	70	
	QT-35B	4.1"	3.8"	12	
	QT-18S	2.4"	2.1"	36	
	QT-12S	1.8"	1.5"	24	
	QT-8S	1.4"	1.1"	16	
	QT-7S	1.3"	1.0"	14	

*U.S. Patent Design No. 235,554



CONTINENTAL SPECIALTIES CORPORATION 

EXPERIMENTOR^{T.M.} SOCKETS

Introducing the Domino Theory of Breadboarding. Snap them together vertically or horizontally with a choice of .6" or .3" centers. When your breadboard becomes overcrowded, just snap on another ... vertically or horizontally ... and keep on trucking. Just like dominoes, you keep going and going in any direction, until your idea is completed.

EXPERIMENTOR 300*. 550 individual solderless tie-points with .3" center for smaller DIPs. The ideal mate for peripheral microprocessor ICs ... without soldering. Each 6" x

You can interface in any direction, horizontally or vertically, just like dominoes. Keep on trucking.

2" x 3/8" board has 47 horizontal dual rows of five interconnected terminals. Plus, a 40 point bus strip along each edge. Best of all, simple interlocking rails let you keep on building as your ideas pour out. **Order your EXPERIMENTOR 300 today.**

EXPERIMENTOR 600*. Just like the EXPERIMENTOR 300, with one small difference. You can get into microprocessors with the ease of a .6" center to snap-in LSI chips ... plan, design, implement your own programs. Now you can actually build your own minicomputer ... and keep adding as you go. Need more space? Just connect another EXPERIMENTOR 600 and interface. **Hurry! Order your EXPERIMENTOR today!**

EXPERIMENTOR 350*. Two rows of 46 five-point terminals, plus two 20-point bus strips. .3" centers. 3/8" x 3 1/2" x 2". A must! **Order today!**

EXPERIMENTOR 650*. Two rows of 46 five-point terminals, plus two 20-point bus strips on .6" centers. 3/8" x 3 1/2" x 2 1/4". You shouldn't be without one ... or two.

EXPERIMENTOR QUAD BUS STRIP*. Flexible with four 40-point bus strips. 3/8" x 6" x 3/4". Essential and economical. **Order yours now!**



To connect, simply "handshake" any of four lugs with a matching slot on any other EXPERIMENTOR ... in seconds.

ORDER YOUR EXPERIMENTORS TODAY!



Model	Length	Width	Center Channel	5 Tie Point Terminals	Bus Strips	Price
EXP300	6.0"	2.1"	.3"	94(470)	2(80)	
EXP350	3.6"	2.1"	.3"	46(230)	2(40)	
EXP600	6.0"	2.4"	.6"	94(470)	2(80)	
EXP650	3.6"	2.4"	.6"	46(230)	2(40)	
EXP4B	6.0"	1.0"	n/a	n/a	4(160)	

*U.S. Patent Number 235,554

Vinyl insulated backing permits mounting anywhere without shorting. Molded-in mounting holes permit mounting to any flat surface with 4-40 flat head screws or 6-32F self tapping screws for behind-the-panel mounting.

Expand your thinking!
Intensify your creativity!
Full-service PROTO-BOARD Breadboards . . .
from kits to built-in power supplies.

PROTO-BOARD® BREADBOARDS

Here are six simple, complete total breadboards . . . everything from easy-to-assemble kits to powerhouse regulated power supplies. We've combined the best of the QT Sockets and Bus Strips into easy-to-use, table top, expanded breadboards. Forget soldering. All you need is solid #22 AWG wire for interconnections. Aluminum baseplates on larger models are perfect, solid, ground plane work surfaces. Rubber feet won't scratch. 5-way binding posts for simple tie-ins. And, every Proto-Board is compatible with digital or linear ICs in TO5s, DIP packs and discrete components. So, if you're into kits, we've got two low cost models for you. Or, if you want to start building immediately, look into one of CSC's ready-made ProtoBoard breadboards. And just look at those prices! Very reasonable, considering all you get.

PROTO-BOARD 203

- The breadboard with built-in 1% regulated 5VDC, 1 amp supply 2,250 solderless tie points .24 14-pin DIP capacity which also accepts larger and small IC's up to 40-pin.

So you want ZIP with your ZAP! Have we got a power breadboard tester for you! Just plug in the PB-203 and let your powerful ideas run their course. You've got 2 extra floating 5-way binding posts for external signals. Self-contained power switch, indicator lamp and power fuse . . . plus 24 14-pin DIP capacity. The mighty built-in, regulated power supply is short-proof with 5VDC, 1 amp. It puts out $5V \pm .25V$, with 10 millivolts ripple and noise at .5 amp. And, the load regulation is better than 1%. Now that's power! That's capacity! That's flexibility! That's something else! THAT'S THE PB-203! And, it's all yours, in one power-packed package. Size? Short and light. 9.75" long x 6.6" wide x 3.25" high (248 x 168 x 83mm) and it weighs a mere 5.5 lbs. (2.26kg). Plug-in. Turn-on. Order your PB-203 NOW!

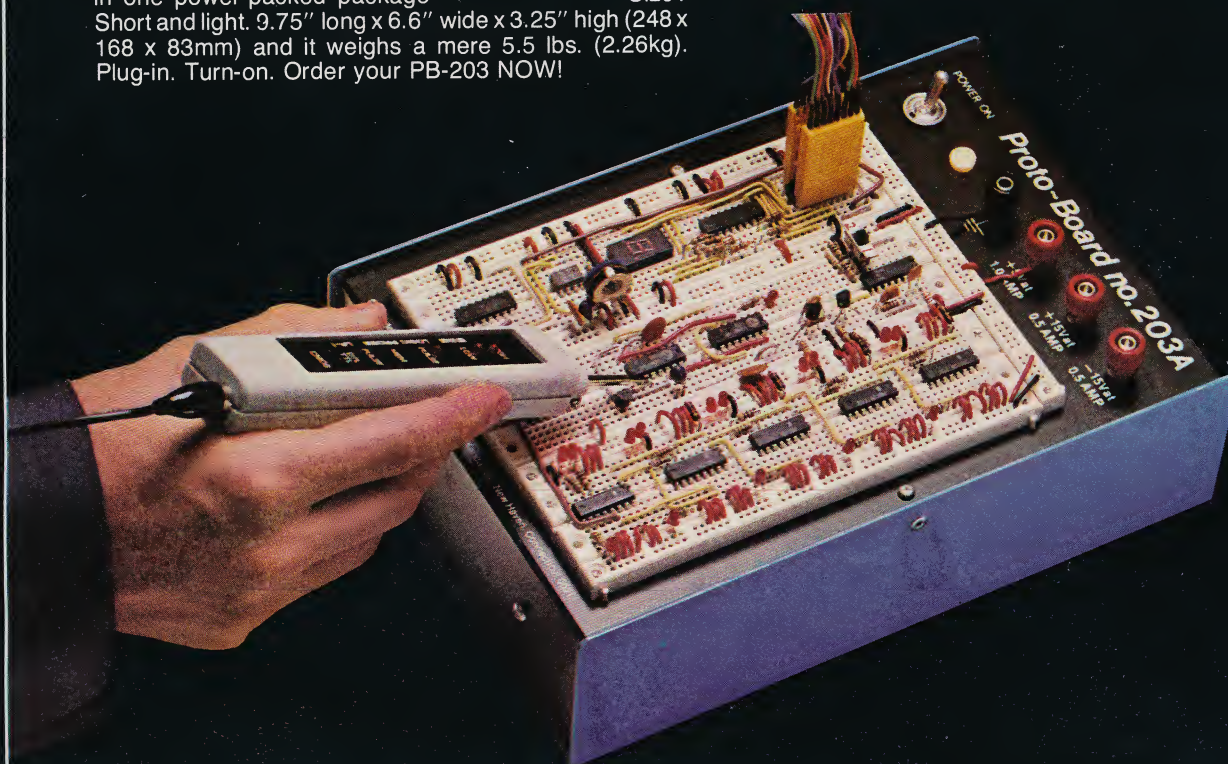
PROTO-BOARD 203A

- Just like the PB-203 . . . and then some! • 1% regulated 5VDC supply
- Regulated separate +15VDC and -15VDC .5A supplies, each with internally, independently adjustable output voltage (7-18V)
- Ripple and noise of + and -15V supplies, 10mV at 0.25A

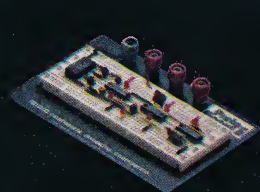
You say you haven't had enough? You say you want more power? You say you want more flexibility! Tell you what we're gonna do! We're going to offer you the dynamic PB-203A. It's the big brother of PB-203. All the specs are the same, but just look at the separate regulated supplies of +15VDC and -15VDC, 0.5A, each with its own internal, independent adjustable output voltage!

. . . order your PB-203A . . .

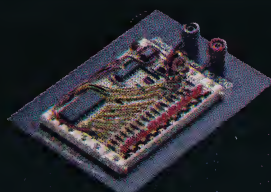
NOW!



ORDER YOUR PROTO-BOARD BREADBOARDS TODAY!

**PROTO-BOARD 6**

The lowest priced solderless breadboarding kit made today. Completely packaged. Assembles in minutes. Start designing in seconds. Flexible 6 14-pin DIP capacity (also accepts larger and smaller IC's up to 40 pin). 630 tie points, less than 2.5¢ each.

**PROTO-BOARD 100 Mini-Kit**

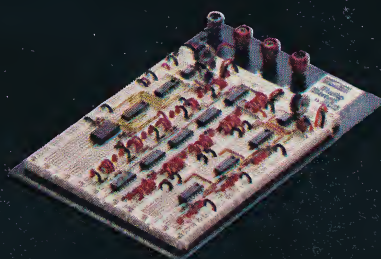
Assembles in seconds. Ten 14-pin IC capacity and mini-price. 760 tie points. Under 2.7¢ each (also accepts larger and smaller IC's up to 40 pin).

**PROTO-BOARD 101**

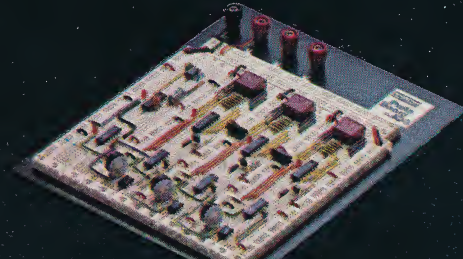
For the "tight fisted" experimenter. Ten 14-pin DIP's (also accepts larger and smaller IC's up to 40 pin). 940 tie points, under 3.2¢ each. 8 distribution buses; 2 horizontal, 6 vertical, 30 contacts each.

**PROTO-BOARD 102**

For champagne experimenters on beer budgets. 1,240 solderless tie points, under 3.2¢ each. Twelve 14-pin DIPs (which also accepts larger and smaller IC's up to 40-pin). Only you know how little you spent.

**PROTO-BOARD 103**

For you tight-fisted designers. Modest price. 2,250 solderless tie points (under 2.7¢ each). 10 distribution buses (2 horizontal w. 40 contacts ea.; 8 vertical with 50 each. Also accepts larger and smaller IC's up to 40 pin).

**PROTO-BOARD 104**

Here's a lollapalooza! 3,060 tie points. Four 5-way binding posts, one grounded. 32 14-pin DIPs (also accepts larger and smaller IC's up to 40 pin). 14 distribution buses. Everything you need. Affordable too.

U.S. Patent Design No. 241,252

Model Number	L x W x H (Inches)	Tie Points	IC Capacity (14-Pin DIPs)	No. of Sockets	Type	No. 5-Way Binding Posts	Wght. (Oz.)	Price	Other Features
PB-6	6.0x4.5x1.4	630	6	2	QT-47B	4	7.0		Kit. Assembles in minutes.
				1	QT-47S				
PB-100	6.0x4.5x1.4	760	10	2	QT-35S	2	7.5		Kit with larger capacity
				1	QT-35B				
PB-101	6.0x4.5x1.4	940	10	2	QT-35S	1	9.0		8 distribution buses. Larger capacity.
				4	QT-35B				
PB-102	7.0x4.5x1.4	1240	12	2	QT-47S	1	10.0		Large capacity, modest price.
				3	QT-47B				
				1	QT-35B				
PB-103	9.0x6.0x1.4	2250	24	3	QT-59S	4	1.3		Greater capacity.
				4	QT-59B				
				1	QT-47B				
PB-104	9.8x8.0x1.4	3060	32	4	QT-59S	4	1.8		Largest capacity.
				7	QT-59B				
PB-203**	9.8x6.6x3.3	2250	24	3	QT-59S	4	5.0 lbs.		Built-in 1% regulated, short proof 5V, 1 amp low-ripple power supply.
				4	QT-59B				
				1	QT-47B				
PB-203A**	9.8x6.6x3.3	2250	24	3	QT-59S	4	5.5 lbs.		Same as PB-203. Plus separate ½ amp +15V and -15V internally adjustable (10-16V) regulated power supply
				4	QT-59B				
				1	QT-47B				

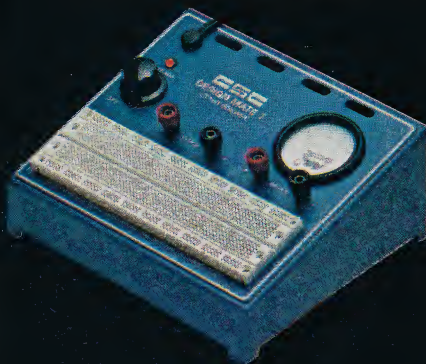
**117VAC 50/60Hz model, and 220VAC 50/60Hz model available

Deep-thinking, expanded logic.
There's no stopping you now.
Build and test virtually anything.

DESIGN MATE^{T.M.} TEST INSTRUMENTS

A matched set of high quality, laboratory-grade test instruments at prices anyone can easily afford. The professional. The hobbyist. The curious. All need these independently interfaced problem solvers for their speed, ease, accuracy and modest cost. Completely assembled, with detailed instructions and special application notes.

U.S. Patent Design No. 235,554



DESIGN MATE 1
CSC's basic CIRCUIT DESIGNER. Build/test any electronic circuit going! Forget solder forever! Solid #22-30 AWG wire interconnects any discrete component... resistors, transistors, linear/digital ICs in T05 DIP packs (from 8-40 pins), etc. Pop any component in-to socket or bus strip;

DM-1's variable regulated power supply gives 5-15V DC up to 600ma (9 watts). Even monitor the DM-1's internal power supply or external circuits via self-contained 0-15V voltmeter. Lots of laboratory-quality testing for very little money. (220V @ 50/60Hz operation available)



DESIGN MATE 2

A proven, low cost 3-waveform FUNCTION GENERATOR made with a short-proof output amplifier, variable signal amplitudes and constant output impedance. Wired, tested, calibrated and ready to go, DM-2 checks anything. Basic audio amplifiers. Op-amp. Lab designs. Complex industrial projects. Get it together with DM-1 and DM-2... a team of low cost workhorses for your lab. (220 @ 50/60Hz operation available)

audio amplifiers. Op-amp. Lab designs. Complex industrial projects. Get it together with DM-1 and DM-2... a team of low cost workhorses for your lab. (220 @ 50/60Hz operation available)



DESIGN MATE 3

Stop squinting at unreadable component markings. Forget color codes. DM-3, the low cost R/C BRIDGE. Solid state null detector with 2 operating controls. Zero-in on exact component value... instantly, better than 5%. Completely wired, tested, calibrated. Includes easy instructions, lots of applications, operational theory. Anyone can afford it. So, stop squinting. Order your DM-3 today! (220 @ 50/60Hz operation available)

pletely wired, tested, calibrated. Includes easy instructions, lots of applications, operational theory. Anyone can afford it. So, stop squinting. Order your DM-3 today! (220 @ 50/60Hz operation available)



DESIGN MATE 4

What can you expect from a PULSE GENERATOR? Plenty! Symmetrical / Asymmetrical pulses from 5Hz to 5MHz. 100mV-10V Positive output with less than 30ns rise/fall time. Independent pulse width/spacing. 100ns to 1 second in 7 overlapping ranges. Independent CMOS, TTL outputs. 10⁷:1 duty cycle range. Continuous/manual one-shot operation. External triggering to 10MHz. Synchronous output gating. TTL compatible sync output. You get your worth... and then some! So, if your lab needs a quality benchtop pulse generator, but is short on bucks, order DM-4 today. (220 @ 50/60Hz operation available)

outputs. 10⁷:1 duty cycle range. Continuous/manual one-shot operation. External triggering to 10MHz. Synchronous output gating. TTL compatible sync output. You get your worth... and then some! So, if your lab needs a quality benchtop pulse generator, but is short on bucks, order DM-4 today. (220 @ 50/60Hz operation available)

SPECIFICATIONS

DM-1 Circuit Designer

Power Supply: Output: 5-15V at 600ma. **Ripple and Noise:** less than 20 mv at full load. **Load and Line Regulation:** better than 1%. **Meter:** 0-15V DC — 5%. **Connectors:** 1 QT-59S, 2 QT-59B, 2 power supply 5-way binding posts, 2 meter 5-way binding posts. **Weight:** 3 lbs. **Power Requirements:** 117V AC @ 60Hz 12 watts.

DM-2 Function Generator

Frequency Range: 1Hz to 100 kHz in Five Ranges: 1-10Hz, 10-100Hz, 100-1000Hz, 1-10kHz, 10-100kHz. **Dial Accuracy:** Calibrated at 10Hz, 100Hz, 1kHz and 10kHz, frequency accurate to 5% of dial setting. **Wave Forms:** Sine wave less than 2% THD over frequency range; Triangle wave linearity, better than 1% over range; Square wave rise and fall times less than 0.5 micro seconds with 600 ohms — 20 pf termination. **Output Amplitude:** (all wave forms) variable — 0.1V to 10V peak to peak into open circuit. **Output Impedance:** 600 ohms — constant over amplitude and frequency range. **Weight:** 2 lbs. **Power Requirements:** 117V AC @ 60Hz 5 watts.

DM-3 R/C BRIDGE

Resistance Range: 10 ohms to 10 megohms — 6 Ranges: 10-100 ohms, 100-1000 ohms, 1K-10K ohms, 100K to 1 megohm, 1 megohm to 10 megohms. **Capacitance Range:** 10 pFd to 1 mFd — 5 Ranges: 10-100 pFd, 100-1000 pFd, .001 to .01mFd, .01mFd to .1 mFd, .1 to 1.0 mFd. **Null Detector:** 2 high intensity red LEDs with high/low markings. **Accuracy:** Better than 5% of null Dial and range switch setting. **Weight:** 2 lbs (.91kg). **Power Requirements:** 117V AC @ 60Hz 3 watts.

DM-4 PULSE GENERATOR

Frequency Range: 0.5Hz to 5MHz; **Pulse Wide and Spacing Controls:** 100 ns to 1 sec. in 7 overlapping decade ranges. A single-turn vernier control provides continuous adjustment between ranges. **Duty Cycle:** 10⁷:1 Range — adjustable over entire pulse width/spacing range. 100 ns "ON" 1 sec "OFF" to 1 sec "ON" and 100 ns "OFF". **Operating Modes:** RUN: — 0.5Hz to 5MHz as per width/spacing and amplitude control settings. TRIG: DC to approx. 10MHz; **Input Requirements:** Sinewaves 2 V P-P; pulses 1 V peak, ≥ 40 ns pulse width; maximum input ± 10V (input impedance: Approx. 10 KΩ DC coupled.) **GATE:** Synchronous gating. Leading edge of gate signal turns generator "ON". Last pulse is completed even if gate ends during pulse. **Input requirements:** Same as "TRIG" Mode. **ONE-SHOT:** Pushbutton for single pulse. Output pulse occurs each time pushbutton is pressed. **OUTPUTS:** VAR OUT - Amplitude, 0.1-10 V positive. Rise/fall time, Less than 30 ns. Impedance, 400 Ω max. TTL OUT: Fan-out, 40 TTL Loads. Sync, 160 milliamps-0.8 V max. Rise/fall time, Less than 20 ns. SYNC OUT: Pulse width, Approx. 40 ns. Other sync pulse spec's same as TTL out. Pulse lead time, Sync pulse leads outputs by approx. 20 ns. **POWER:** 117 VAC ± 10%, 50/60Hz, 5 watts. **Size:** (WxLxH): 7.5 x 6.75 x 3.25". **Weight:** 2 lbs (0.91Kg).

LOGIC MONITORS

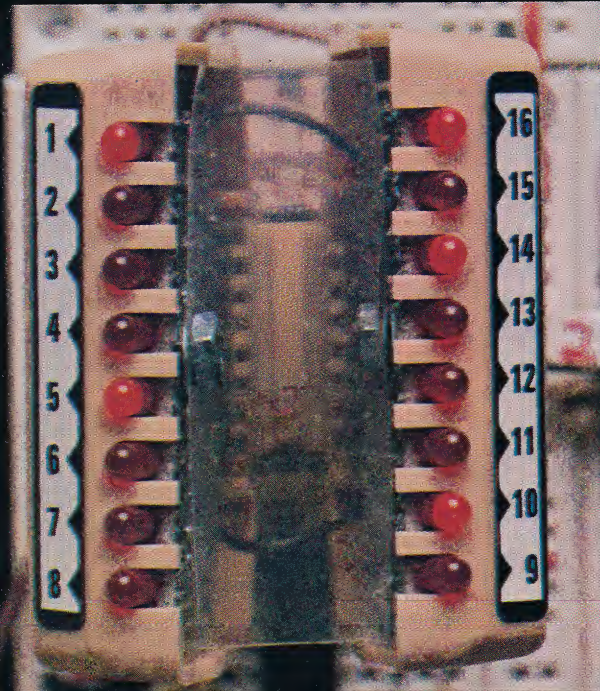
With the speed of light, you can check all digital ICs and get accurate, foolproof, clearly marked readouts.

LOGIC MONITOR 1

The logical answer to inexpensive, effective testing. Self-powered. Self-contained. Pocket-size. Never needs adjustment or calibration. Tests DTL, TTL, CMOS and HTL. Your digital designs spring to life. You can even watch signals working effortlessly through counters, shift registers, timers, adders, flip-flops, decoders, entire systems. Forget probe grounds, pin counting or sync polarity. Just clip LOGIC MONITOR 1 to any DIP IC, up to 16 pins. Precision plastic guides and unique flexible web* guarantee positive connections between non-corrosive nickel/silver contacts and IC leads. Versatile. Fast. Accurate. Indispensable. That's LOGIC MONITOR 1. And, the price is right.

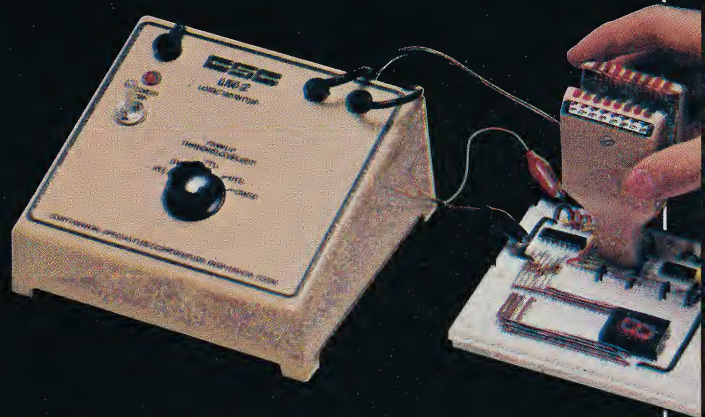
SPECIFICATIONS

Input Threshold: $2.0 \pm .2V$. **Input Impedance:** 100,000 ohms $\pm 5\%$ all inputs. **Input Voltage Range:** 4V min. to 15V max. across any two or more inputs. **Maximum Current Drain:** 200 ma @ 10V. **Temperature Range:** 0°C to 50°C. **Weight:** 3 oz. (85 grams). **Maximum Dimensions:** (LxWxD) 4 x 2 x 1.5".



Logic levels appear instantly on 16 large (.125" dia.) clearly marked, high intensity LEDs. Logic "1" (high voltage) turns LED on. Logic "0" (low voltage or open circuit) LED off. Power seeking gate network automatically locates supply leads; feeds them to LM-1.

U.S. Patent No. 3,914,007



LOGIC MONITOR 2

Second generation IC tester, with fully isolated power supply to eliminate test circuit loading. 2-units-in 1: Connector/Display that clips over dual in-line packages up to 16 pins. Plus, a modular precision reference Power Supply with its own logic family selector switch. Simply switch to a proper logic family. Then connect black clip lead to NEG or GND. When clip module is slipped over IC, LED instantly, automatically displays logic states of the IC. Can't load down test circuit. Comparators provide constant LED current drive for uniform, bright display. Displays gate rising and falling inputs, while passing pulses from circuit to circuit. See flip-flops change state. Encoders/decoders accepting, recording information. Lots more. All 16 display channels work simultaneously. Order your LM-2 today. Get a lot of logic for a fraction of the price of an oscilloscope. (220V 50/60Hz operation available)

LOGIC THRESHOLDS

CMOS: 70% of test unit $V_{cc} \pm 100mV$

HTL: $7.5V \pm 100mV$ **TTL:** $2.4V \pm 100mV$

DTL: $1.6V \pm 100mV$ **RTL:** $1.2V \pm 100mV$

Maximum Visible Input Freq: 30kHz @ 50% duty

Size: (LxWxH) 5.6x6.0x3.0 cycle

Weight: 20 oz.

Input Power: 117VAC 50/60 Hz 10W

Heavy thinkers need
heavy test equipment they can afford.

LOGIC PROBES & DIGITAL PULSER

LOGIC PROBES

Simpler breadboard testing. That's why CSC Logic Probes were created. These hand-held design/test tools give instant overview of circuit conditions. Just clip power leads to circuit's power supply, set logic family switch to TTL/DTL or CMOS/HTL. Touch probe tip to the test node. Trace logic levels and pulses through digital circuits. Even stretch and latch for easy pulse detection. Best of all, you get instant recognition of high, low or invalid levels, open circuits, and nodes.

Simple dual level detector LEDs tell it quickly, correctly. HI (Logic "1"). LO (Logic "0"). Blinking pulse detector too, e.g. HI and LO LEDs blink on or off, "tracking" "1" and "0" states at square wave frequencies up to 1.5MHz. Pulse LED blinks on for 1/3 second during pulse transition.

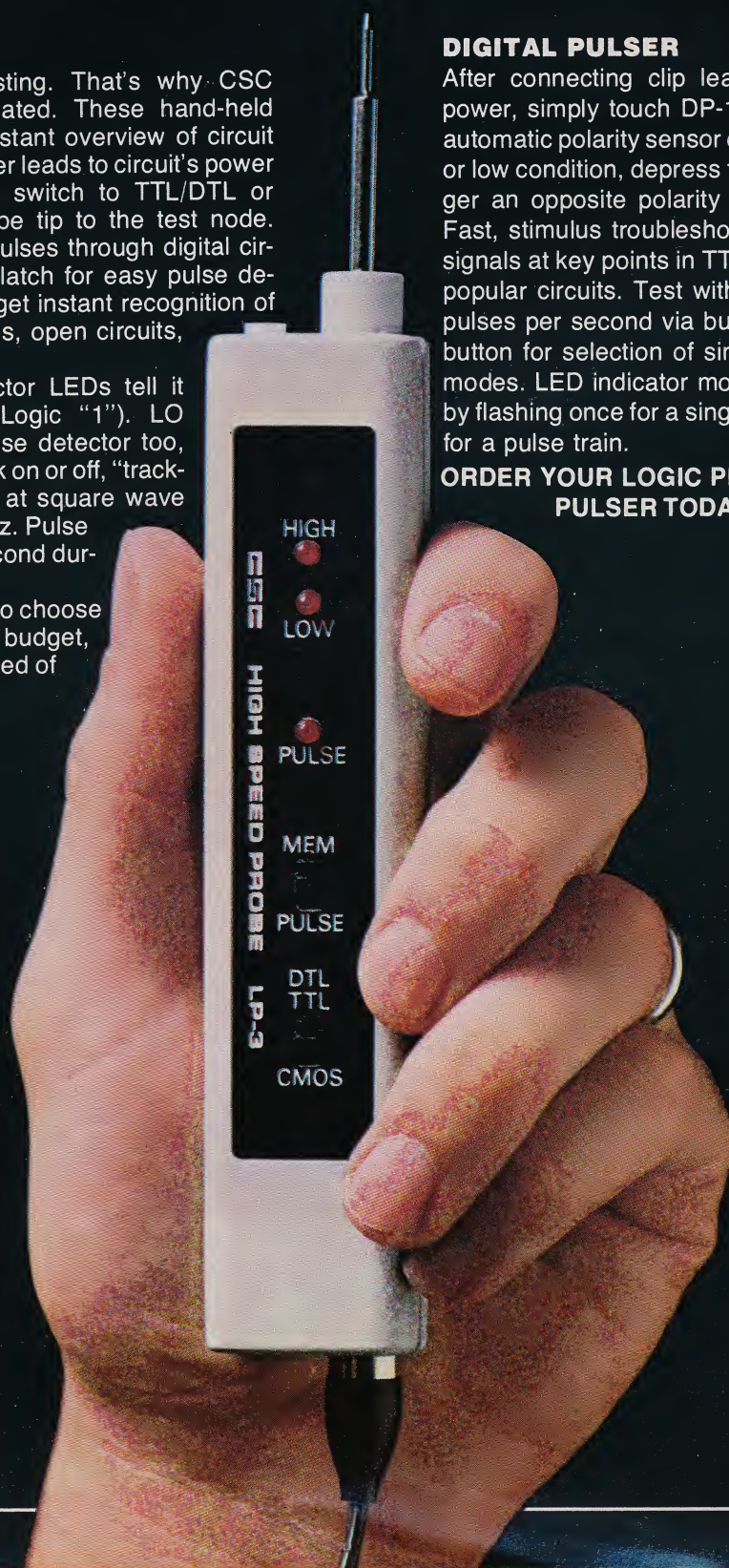
There are three models to choose from, depending on your budget, your project, and the speed of your logic circuits.

ORDER YOUR LOGIC PROBES TODAY!

DIGITAL PULSER

After connecting clip leads to POS and NEG power, simply touch DP-1 to a circuit node, and automatic polarity sensor detects the circuit's high or low condition, depress the pushbutton and trigger an opposite polarity pulse into your circuit. Fast, stimulus troubleshooting includes injecting signals at key points in TTL, DTL, CMOS or other popular circuits. Test with a single pulse or 100 pulses per second via built-in dual control pushbutton for selection of single shot or continuous modes. LED indicator monitors operating modes by flashing once for a single pulse or continuously for a pulse train.

ORDER YOUR LOGIC PROBES AND DIGITAL PULSER TODAY!





LP-1 Hand-held, instant reading of logic levels for TTL, DTL, HTL, or CMOS.

LP-2 The economy version of LP-1. Safer than voltmeter. More accurate than scope

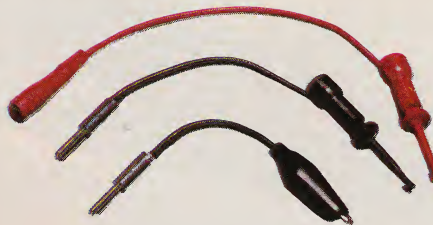
LP-3 High speed logic probe captures pulses as short as 10ns.

DP-1 Completely automatic, pencil-size lab/field pulse generator. Pulse any family of digital circuits.

ACCESSORIES



LDA-1 1.5" Long Tip - Standard.
LDA-2 2.5" Long Tip - Optional.



LDA-3 3" Long E-Z Hook and Adapter for use in place of tip - Optional.

LDA-4 3" Long Ground Clip with E-Z Hook - Optional.

LDA-5 3" Long Ground Alligator Clip, with LP-3 only - Standard. Optional.



LDA-6 Test Prod Tip Adapter (Converts tip to E-Z Hook) - Optional.

LDA-7 Standard Banana Plug (Converts tip for insertion into Banana Plug) - Optional.

(Not Shown)
LDA-8 36" Power/Ground Leads with Alligator Clips - Standard.
LDA-9 36" Power/Ground Leads with E-Z Hooks - Optional.

	LP-1	LP-2	LP-3	DP-1
Input Impedance	100,000 Ω	300,000 Ω	500,000 Ω	Output Tri State
Minimum Detectable Pulse	50ns	300ns	10ns	Autopolarity Pulse Sensing
Max. Input Signal (Freq.)	10 MHz	1.5 MHz	50MHz	Sink and Source 100 ma
Pulse Detector (LED)	High Speed Train or Single Event	High Speed Train or Single Event	High Speed Train or Single Event	Pulse Train: 100pps
Pulse Memory	Pulse or Level Transition Detected and Stored	None	Pulse or Level Transition Detected and Stored	LED Indicator flashes in Single Pulse. Stays lit on Pulse Train

Count. Calculate. Create.
And accessorize accurately.

MAX-100 FREQUENCY COUNTER

MAX-100. Portable, high precision, lab-quality frequency counter. **MAXimum performance.** Continuous readings from 20Hz to guaranteed 100MHz. Full 8-digit precise readout from crystal controlled timebase with 3ppm accuracy. **MAXimum sensitivity and protection.** Built-in high sensitivity pre-amp gives readings as tight as 30mV . . . with diode protected input to 200V peaks. **MAXimum visibility.** Bold, bright 8-digit 0.6" display. built-in Flip-up stand. **MAXimum operating ease.** Plug-in. Turn-on. 1Hz readings eliminate range switching and MHz/KHz checks. **MAXimum versatility.** Standard clip-lead cable (supplied), Mini-Whip antenna*, or low-loss in-line tap* with UHF connectors available. Checks AM, FM, CB, Ham

R/C computer clocks, digital circuits. Monitors audio, RF generators. **MAXimum self-monitoring.** Input signals over 100MHz (overflow) automatically flash most significant digit, preventing accidental errors. **MAXimum battery life.** Up to 8 hours of normal intermittent use, cued by flashing display weak-power indicator. **MAXimum flexibility.** Compact (1.75" x 7.75" x 5.63"). Portable from 4 power sources. Internal alkaline or rechargeable NiCad AA batteries. 110 or 220VAC with charger/eliminators*. 12V auto cigarette lighter charger/eliminator. External 7.2-10V power supply (batteries not included).

MAXimum value. You get all this, and more in the industry's best frequency counter value. MAX-100.

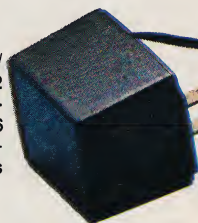


*Optional

ORDER YOUR MAX-100 TODAY!

ACCESSORIES

Model 100-CA1/
Model 100-CA2
Charger / Elim-
inators for 6
Rechargeable Ni-
Cad AA cells



Model 100-MWA Mini-Whip Antenna. For direct-coupling to RF equipment. Displays frequencies of nearby portable transmitters.



Model 100-CLA Mobile Charger/Eliminator



Model 100-IPC Input Cable with Clip Leads. (Included. Additional units available.)



(Not Shown)

Model 100-LLC Low Loss Tap Off connects to equipment or RF line under test. 3W rating.

Model 100-CC Carrying Case. Soft simulated leather.

PROTO-CLIP^{T.M.} I.C. TEST CLIPS & DESIGN MATE^{T.M.} CASES

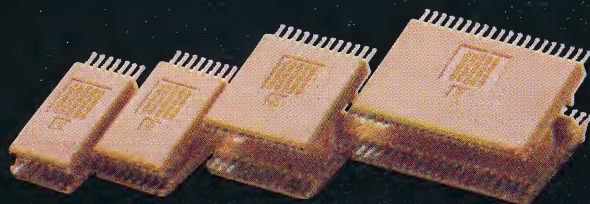
Clip-on. Fool-proof. Short-proof. Power-on. DIP-in. Circuit testing that's right-on . . . for less!

Take your choice from four (4) low cost micro-trouble-shooters. Narrow, deep throat brings IC leads up from crowded pc boards for fast signal tracing, testing, signal injection, even wiring unused circuits into existing boards. Your hands are free to scratch an itch or dig into electronic problems. High impact plastic construction means no more springs or pivots to pop out at critical moments. Molded flexible web* insures positive operation every time, for thousands of uses. Non-corroding nickel/ silver contacts give simultaneous, low-resistance connections to all IC leads. Pick a size. Pick a need. Pick a price. Place an order. Now!



Unique gripping teeth for slip-proof, hands-off probe connections.

Clips



PC-14 (14-pin)

PC-16 (16-pin)

PC-24 (24-pin)

PC-40 (40-pin)

*U.S. Patent Design No. 3,914,007

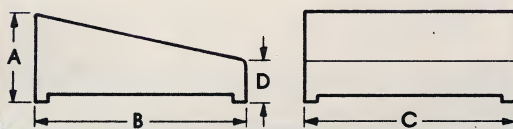
Cases

DMC-1. Hi-impact insulated plastic. 1-piece. Slope front panel. Metal bottom. Mounting screws. Same size as popular Design Mate Units



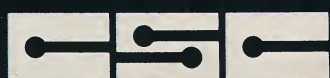
DMC-2. Same features as DMC-1, but slightly more compact

DIMENSIONS					
MODEL	A	B	C	D	Weight
DMC-1	3.25"	6.75"	7.5"	1.5"	12 oz.
DMC-2	3.0"	5.63"	6.0"	1.5"	10 oz.

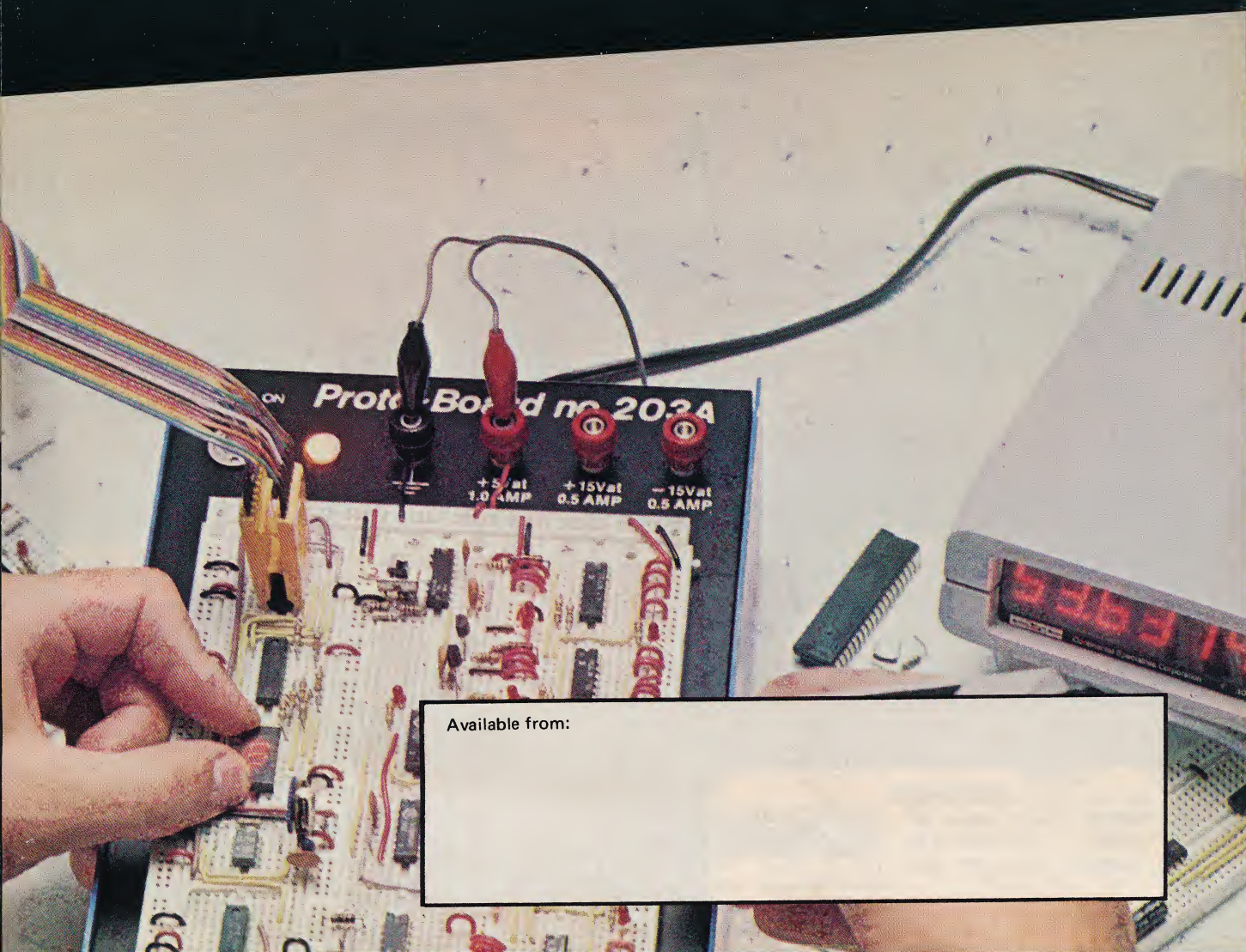


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